

IN THE CLAIMS:

Please amend the claims as follows:

1. (Original) An image processing apparatus characterized by having:

operation means rotatable around a rotation axis and having a rotation body which can be pressed in a direction substantially in parallel with the rotation axis;

rotation detection means for detecting rotation of said rotation body;

press detection means for detecting a press of said rotation body; and

display control means for controlling display of an image, and characterized in that said display control means rotates and displays said image in accordance with the rotation of said rotation body detected by said rotation detection means and switches and displays the said image in accordance with a result of detection by said press detection means.
2. (Original) The image processing apparatus according to Claim 1, characterized in that:

said press detection means is capable of detecting the press at a plurality of points of said rotation body, and

said display control means is moves and displays said image corresponding to a position where said press detection means detects the press.
3. (Original) The image processing apparatus according to Claim 1, characterized in that:

said press detection means can detect a press of said rotation axis, and

said display control means performs predetermined processing on said image when said press detection means detects the press of said rotation axis.
4. (Original) The image processing apparatus according to Claim 3, characterized by having a rotation mode for rotating said image and a resize mode for changing a size of said image.

5. (Original) The image processing apparatus according to Claim 4, characterized in that said display control means performs:

processing of rotating and displaying said image in accordance with the rotation of said rotation body detected by said rotation detection means in a case where a mode of said image processing apparatus is the rotation mode, and

processing of scaling up/down said image in accordance with the rotation of said rotation body detected by said rotation detection means in a case where the mode of said image processing apparatus is the resizing mode.

6. (Original) The image processing apparatus according to Claim 3, characterized by further having timer means for measuring a time period for which said rotation axis is pressed, and characterized in that said display control means switches said processing on the basis of the time period for which said rotation axis is pressed measured by said timer means when said press detection means detects the press of said rotation axis.

7. (Currently Amended) The image processing apparatus according to Claim ~~3~~ 4, characterized by further having timer means for measuring a time period for which said rotation axis is pressed, and characterized in that, when said press detection means detects the press of said rotation axis, said display control means confirms said processing in a case where the time period for which said rotation axis is pressed measured by said timer means is shorter than a predetermined time period, and performs processing of switching a mode of said image processing apparatus from said rotation mode to said resize mode in a case where the time period for which said rotation axis is pressed measured by said timer means is longer than said predetermined time period.

8. (Original) The image processing apparatus according to Claim 1, characterized in that said display control means controls displaying of a planar image as said image and displays said planar image after rotating in a counterclockwise direction or a clockwise direction around a center of the image in accordance with the rotation of said rotation body detected by said rotation detection means.

9. (Original) The image processing apparatus according to Claim 1, characterized in that said display control means controls displaying of a three-dimensional image in a virtual space as said image and displays said three-dimensional image after rotating in a horizontal plane in said virtual space setting a current position in said virtual space as reference in accordance with the rotation of said rotation body detected by said rotation detection means.

10. (Original) The image processing apparatus according to Claim 9, characterized in that:
said press detection means is capable of detecting the press at a plurality of points of said rotation body, and

said display control means is scales up/down and displays said three-dimensional image corresponding to a position where said press detection means detects the press.

11. (Original) An image processing program executed by a computer which controls an image processing apparatus having:

operation means rotatable around a rotation axis and having a rotation body which can be pressed in a direction substantially in parallel with the rotation axis,

rotation detection means for detecting rotation of said rotation body,

press detection means for detecting press of said rotation body, and

display control means for controlling display of an image, said image processing program is characterized by including the steps of:

rotating and displaying the said image in accordance with rotation of said rotation body detected by said rotation detection means, and

switching and displaying the said image in accordance with a result of the detection by said press detection means.

12. (Original) An image processing method performed by an image processing apparatus having:

operation means rotatable around a rotation axis and having a rotation body which can be pressed in a direction substantially in parallel with the rotation axis,

rotation detection means for detecting rotation of said rotation body,

press detection means for detecting press of said rotation body, and display control means for controlling display of an image, said image processing method characterized by including the steps of:

rotating and displaying said image in accordance with the rotation of said rotation body detected by said rotation detection means, and

switching and displaying said image in accordance with a result of the detection by said press detection means.